

# The Treo™ Wireless Headset by palmOne

Thank you for purchasing the Treo™ Wireless Headset by palmOne. We hope you will be delighted with its operation.

Please read this manual to get started and make the best use of your headset's many features.

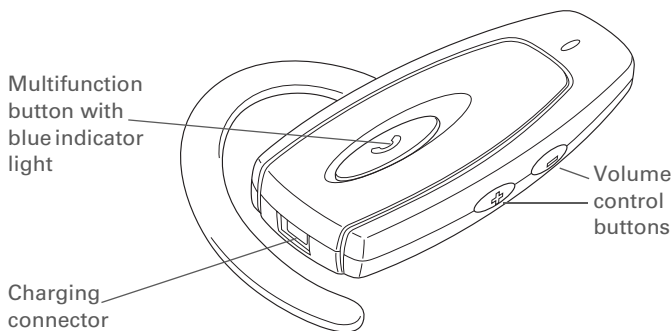
**[!] IMPORTANT** Using a mobile phone while driving creates a distraction to the driver, and this may increase the likelihood of an accident. When using the phone while driving, keep conversations short and do not make notes or read documents. Before answering calls, consider your circumstances. Pull off the road and park before making or answering calls when driving conditions require it—for example, bad weather, high traffic density, presence of children in the car, or difficult junctions or maneuvers. Always follow local laws.

What you'll learn to do in this manual:

- Charge your headset and turn it on
- Check compatibility and pair with your Bluetooth phone
- Choose a wearing preference
- Make, answer, and end a call
- Use call waiting
- Use enhanced features

**N NOTE** Read the glossary at the end of this document to familiarize yourself with important terms.

## Your headset



## Charging your headset

Your headset uses a rechargeable battery that must be charged fully before you use the headset for the first time. Charge your headset for approximately 2 hours.

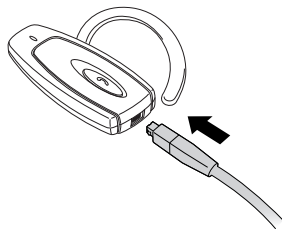
Keep the following in mind while charging your headset:

- Do not attempt to charge the headset with anything other than the AC charger provided. Using another AC charger may damage or destroy the headset.
- Removing the charger from the headset during charging will put the headset into standby mode, described later in this guide, and stop the charging sequence.
- The headset cannot be used while being charged.

**NOTE** Your headset comes with an AC charger and plugs that are compatible with international outlets. You can use the same charger for both your headset and your Treo™ 650 smartphone, so you do not need to carry two chargers when you travel.

**1** Plug the AC charger into an electrical outlet, and then into the headset's charging connector. The blue indicator light remains lit while the headset is charging.

**2** Charge for 2 hours, and then remove the AC charger from the headset. The blue indicator light turns off when the headset is fully charged.




You are now ready to pair the headset with your mobile phone. If the headset has already been paired with your phone, then you can begin using it.

## Pairing with your Bluetooth phone


Pairing creates a unique and encrypted wireless link between two devices enabled with Bluetooth wireless technology, such as your Bluetooth phone and Bluetooth headset.

Your headset is compatible with most Bluetooth phones that are compliant with the Bluetooth version 1.1 or 1.2 specification. Visit your phone manufacturer's website to make sure that your phone has Bluetooth capability.

### Pairing with your Treo 650 smartphone


- 1 Make sure the headset is turned off.
- 2 On the phone, go to Applications and select Bluetooth.
- 3 Make sure Bluetooth is on.
- 4 Select Setup Devices, and then select Hands-free Setup.
- 5 Press and hold the headset multifunction button  for 8 seconds until you see a solid blue light.
- 6 On the phone, select Next. When the phone finds your headset, it displays "Treo Headset" with a headphone icon next to it. Select "Treo Headset," and then select OK.
- 7 A status message appears telling you that your phone is connecting with your headset. When your phone asks for a passkey, enter 0000 from your keypad, and then press OK.
- 8 On the confirmation screen, select Done.

## Pairing with other Bluetooth phones

- 1 Make sure the headset is turned off.
- 2 Press and hold the multifunction button  for approximately 8 seconds, until you see a solid blue light.
- 3 Set your Bluetooth phone to discover the headset by following your phone's instruction guide. Typically, the steps involve going to a Setup, Connect, or Bluetooth menu on your phone and then selecting the option to discover a Bluetooth device.
- 4 When your phone finds the "Treo Headset," it asks if you want to pair with it. Confirm this by selecting Yes or OK.
- 5 When your phone asks for a passkey, enter 0000 from your keypad, and then press Yes or OK.

If pairing is successful, the blue indicator light flashes 10 times rapidly before going back to flashing every 3 seconds. If pairing is unsuccessful, the light remains solid, and you'll need to reattempt pairing using the correct procedure above.

## Turning your headset on and off

To turn your headset on and off, press and hold the multifunction button  for 3 to 5 seconds, until you see a burst of four flashes on the blue indicator light. A series of two tones indicates that the headset has turned on or off.

When the headset is on, the indicator light flashes. When it is off, the light stops flashing and remains unlit.

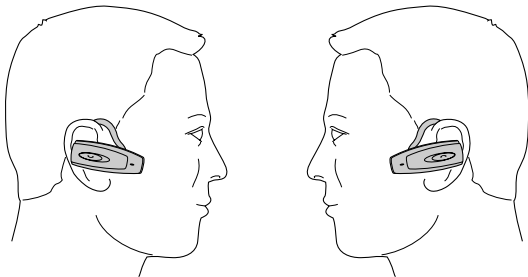
**[!] IMPORTANT** Do not hold the button down for more than 3 to 5 seconds when turning the headset on or else it may begin the pairing process, and the blue indicator light will turn solid. If that happens, turn off the headset, wait 3 to 5 seconds, and then repeat the process for turning the headset on.

**N NOTE** You must have the Bluetooth functionality on your phone turned on in order to use your phone with your headset.

## Choosing wearing preference

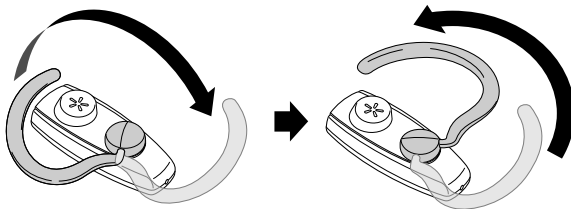
The headset ear grip is placed over the front of the ear. Your headset is ready to wear on the right ear, but you can adjust the ear grip to hang from your left ear.

**N NOTE** Follow the same procedure to switch the wearing preference from your left ear to your right ear.



**1** Hold the headset with the speaker facing you.

**2** Flip the ear grip down.




**3** Rotate the ear grip in a half-circle, counterclockwise.

**4** Place the headset over your left ear with the ear grip toward the front.

**NOTE** For optimal performance, wear your headset and your Bluetooth phone on the same side of your body. In general, you will get better performance when there are no obstructions (including parts of your body) between the headset and the phone.




# Making a call

**[!] IMPORTANT** Do not hold the multifunction button  down too long when making, ending, or answering a call. This should be only a quick press, so you don't accidentally activate your headset's enhanced features, described later in this guide.



**1** Make sure the headset is turned on.


**2** Dial the number:

**Using the phone's keypad** Dial the number on the keypad, and then press the Send key.

**Using voice-activated dialing** Press and release the multifunction button , and then say the name of the person you wish to dial when you hear the tone.

**NOTE** The Treo 650 does not support voice-activated dialing through Bluetooth wireless technology. For other phones check with the manufacturer. You must set the voice tags on your phone to use voice-activated dialing. For better reception, record the voice tags from the headset.


**3** Increase or decrease call volume by pressing the volume control buttons  . The tone volume increases or decreases to match the call volume.





**4** To end a call, press and release the multifunction button , or press the button to end a call on your phone's keypad.



## Answering a call

- 1 Answer a call:**

**From the headset** When you hear the phone ring, press and release the multifunction button  once.

**From the phone** Press the button to answer a call on your phone's keypad. Depending on your phone, you may then need to press and release the multifunction button  once to transfer the call to your headset.
- 2 Increase or decrease call volume by pressing the volume control buttons  .** The tone volume increases or decreases to match the call volume.
- 3 To end a call, press and release the multifunction button , or press the button to end a call on your phone's keypad.**

## Using call waiting

To use the call waiting feature, press the button on your phone to switch to the incoming call—typically the Send button.


You can also use the call waiting enhanced feature, described later in this guide, if it is supported by your phone.

# Modes and alerts

Your headset works in several different modes, each with its own types of alerts.

Name	Definition	Indicator light	Sounds
Active mode	When you are currently on a call*	One long flash every 8 seconds	None
Mute mode	Turns your headset's microphone off**	Flashes every 8 seconds	Single tone every 15 seconds when the microphone is off
Standby mode	When your headset is on but you are not currently on a call***	One quick flash every 3 seconds	None
Low battery	Three to 5 minutes of talk time left	Two quick flashes every 5 seconds	Five tones every 20 seconds

\*Fully charged, your headset offers up to 7 hours of call time in active mode.


\*\*When you are on a call, quickly press the multifunction button  twice to turn mute mode on or off.


\*\*\*Fully charged, your headset offers up to 170 hours of standby mode.


## Enhanced features


Enhanced features are available for phones that support the hands-free Bluetooth profile, meaning you can use your headset wirelessly with your phone for some features. Check your phone's instruction guide or contact the phone manufacturer if you are not sure if your phone supports the hands-free Bluetooth profile.

**NOTE** The Treo 650 smartphone supports the hands-free profile.

**Redial the last number** While the headset is in standby mode, press and hold the multifunction button  for 2 seconds until you hear a series of two tones.

**Reject an incoming call** When your phone rings, press and hold the multifunction button  for 2 seconds until you hear a series of two tones.

**Take a second incoming call (call waiting)** When you are on a call and your phone notifies you of an incoming call, press and hold the multifunction button  for 2 seconds until you hear a series of two tones. Repeat to switch between calls.

**Put a call on hold** While you're on a call, press and hold the multifunction button  for 2 seconds until you hear a series of two tones. Repeat to retrieve the call.

**NOTE** For the Treo 650 smartphone, use the button on your keypad to put a call on hold. The Treo 650 smartphone does not support the hands-free call hold feature.

## Common questions

### **How far away from my phone will my headset work?**

The operating range is typically up to 33 feet (10 meters).

### **Does my headset work with my cordless phone at home?**

Your headset is not designed for use with cordless phones.

### **Does my headset work with laptop or desktop computers, or handhelds?**

Your headset works with devices that are compliant with Bluetooth version 1.1 or later specifications and support the headset and/or hands-free profile(s).

### **Will anything cause interference with my conversation when I'm using my headset?**

Appliances such as cordless phones and wireless networking equipment may cause interference, adding a crackling noise. To reduce interference, keep the headset away from other devices that use or produce radio waves.

### **Will my headset interfere with my car's electronics, radio, or computer?**

Your headset produces significantly less power than a typical mobile phone. It also emits only signals that are in compliance with the international Bluetooth standard. Therefore, you should not expect any interference with standard consumer-grade electronics equipment.

### **Can other Bluetooth phone users hear my conversation?**

When you pair your headset with your Bluetooth phone, you are creating a private link between only these two devices. The Bluetooth wireless technology used in your headset is not easily monitored by third parties because Bluetooth wireless signals are significantly lower in radio frequency power than those produced by a typical mobile phone.

## Caring for your headset

- To clean the headset, use a clean, soft, slightly damp cloth.
- Always store your headset with the power off and keep it well protected.
- Avoid storage at high temperatures (above 60°C/134°F)—such as in a hot vehicle or in direct sunlight. (Storage at high temperatures can degrade performance and reduce battery life.)
- Do not expose the headset or any of its supplied parts to rain or other liquids.

## Glossary

**Bluetooth**

Radio technology developed to connect devices, such as mobile phones and headsets, without wires or cords over a short distance of approximately 33 feet (10 meters). More information is available at [www.bluetooth.com](http://www.bluetooth.com).

**Bluetooth profiles**

Industry-standard protocols determining how Bluetooth devices communicate with each other. Bluetooth phones support different sets of profiles—most support the headset profile, but some support the hands-free profile, and others support both profiles. In order to support a certain profile, a phone manufacturer has to implement certain features in the phone's software.

**Pairing**

Process that creates a unique and encrypted communication link between two Bluetooth devices and allows them to communicate with each other.

<b>Passkey or PIN</b>	Secret code that needs to be entered on the phone in order to pair the mobile phone with the headset. When you pair your mobile phone with your headset, the devices recognize each other; the phone bypasses the discovery and authentication process and automatically accepts the transmission.
<b>Active mode</b>	Mode in which the headset has a call in progress. Your headset goes from standby mode into active mode when you receive a call or make a call. When the headset is in active mode, the blue indicator light flashes every 8 seconds.
<b>Standby mode</b>	Mode in which the headset passively waits for a call. When you end a call on your mobile phone, your headset goes into standby mode. When the headset is in standby mode, the blue light flashes every 3 seconds.

## Product regulatory information

### FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**[!] IMPORTANT** Changes or modifications not covered in this manual must be approved in writing by the manufacturer's Regulatory Engineering Department. Changes or modifications made without written approval may void the user's authority to operate the equipment.

**Responsible Party:**

palmOne, Inc.  
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United States of America  
(408) 503-7500



**Europe R&TTE Directive (Europe)**

**Declaration of Conformity**

Application of Council Directive(s):

<b>89/336/EEC</b>	EMC Directive
<b>99/5/EC</b>	RTTE Directive
<b>72/23/EEC</b>	Low Voltage Directive

Standards to which Conformity is Declared:

- ETSI301 489-1 (Immunity)
- EN60950 1992/A1:1993/A2:1993/A3:1995/A4:1997/A5:1998 (Safety)
- EN55022:1994/A1:1995/A2:1997/A3:1998 Class B (Emissions)

The product is CE marked.

The product fulfills the essential requirements of the harmonized standards shown above.



Manufacturers Name: palmOne, Inc.

Manufacturers Location: 400 North McCarthy Blvd., Milpitas, CA 95035-5112, USA

Importers Name: Palm Germany GmbH

Importers Location: Landsberger Strasse 155, D-80687 Munchen, Germany

Type of Equipment: Headset

Model Number: Treo™ Wireless Headset by palmOne

Year of Manufacture: 2004

I, the undersigned hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s)

Place: Milpitas, CA

Date: December 22, 2004

Name: David Woo

Title: Senior Compliance Engineer

### **Singapore approval mark**

Approved by IDA for  
use in Singapore.  
DA102238

### **Australia/New Zealand approval mark**



### **Mexico approval mark**



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